

TWO THIRDS QUOTA FOR FALL CONCERT PURCHASED BY NOW

**Mistake In Engraving Posters
Delays Advertising Plan
Of Clubs**

NO STAG LINE FRIDAY

Considering the state of affairs at present as regards the Combined Musical Clubs Ticket sale for their Fall Concert, it is very probable that the management will be required to live up to its manifesto and forego the selling of any stag tickets for the affair. Of the 150 tickets allotted to be disposed of this week, only 50 remain after the first day's efforts. This figure, however, is only approximate since the members of the management have not yet made full reports on the number sold personally today. The sale at the desk in the main lobby amounted to something like 80 tickets, the remainder being sold by members of the managing board.

Poster Held Up

Contrary to expectations, the clubs' poster has not appeared on the bulletin boards around the Institute advertising the approach of the Fall Concert. The clubs previously announced that the poster would make its first appearance at Technology by heralding Friday's performance, but owing to several unfortunate mistakes on the part of the engravers printing the placard, the clubs were unable to fulfill their promise. The main error was in the coloring of the background of the poster, and the correcting has taken longer than was expected.

Whether the absence of the usual stag line at this year's concert will affect the gaiety of proceedings remains to be seen. Nevertheless, the management is set on trying the new system of

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POST OFFICE STARTS EARLY MAIL CAMPAIGN

**Wishes to Avoid Annual Rush
Of Christmas Mail**

Last year, through the generous co-operation of the press, the movies and other advertising mediums, Christmas mailers were induced to dispatch their Yuletide presents earlier in the month than ever before in the history of the institution of gift exchanging in the holiday season.

As a result, the spectacle of the last minute rush of former years, with its attendant heartbreaking labor on the part of wearied and nerve worn store clerks and postal employees, was avoided.

This year Postmaster General New and First Assistant Postmaster General John H. Bartlett have determined to make an even better record and to banish for all time the suffering undergone in past years by those engaged in the sale or transportation of gifts. They hope to make "Shop Early" and "Mail Early" a habit with the American people.

Mailing early does not mean December 1 or before, but if everyone could get their holiday tokens in the mail between December 10 and December 20, the post office could not ask more.

Attention Paid To Cards

Particular attention this year will be paid to greeting cards. Despite the success last year it was noted that the last-minute mail consisted largely of cards. Possibly many of them were returned greetings to friends, heard from on a previous mail, but overlooked on the original Christmas list. Unlike parcels and letters containing money orders, cards, of course, can not well be marked "Do Not Open Until Christmas." Therefore, it is possible that the many mailers hold them until the last to insure delivery on Christmas Eve. This class of mailers this year, however, may find their cards undelivered until after Christmas Day.

Believing that the energies of postal employees should not be sapped to the last degree for any avoidable reason, and intent upon securing for them the same Christmas privileges enjoyed by others, Postmaster General News asks the hearty co-operation of the public. The last-minute, or zero hour has been moved up so that all postal employees may eat their Christmas dinners at home. Rural carriers will deliver no mail at all on Christmas day and clerks and carriers in the city offices will stop work promptly at noon.

TECH SHOW CANDIDATES MEET TODAY IN WALKER

There will be a meeting of all candidates for the cast, chorus, and ballet of Tech Show 1925 in north hall, Walker at 5 o'clock this afternoon. Complete details will be given regarding the skits which all men coming out for the Show must present early in January.

The plan of having the candidates give skits to show their ability to sing, dance, or act was originally employed by Tech Show previous to 1923. The management has decided to revert to this system this year. The skits may be of any nature, but should not take up more than 20 minutes. Original material or parts of previous shows may be used. According to the present plans of the management, the best skit offered will be given before the alumni in New York at their annual banquet which ordinarily comes a few days before the performance.

SOCIETIES ELECT REPRESENTATIVE

**Browning to Represent All Nine
Societies on Institute
Committee**

Harrison Browning '25, president of the Mechanical Engineering Society, was elected to represent the Combined Professional Societies upon the Institute Committee at a meeting of the presidents of the individual societies held in the Combined Societies office yesterday afternoon.

This meeting came as a result of the action taken by the Institute Committee at its last meeting which deprived the representatives of the individual professional Societies of their seats on the Committee. Before this action by the Institute Committee, the nine professional societies and the Combined Professional Societies all had one representative on the Institute Committee. Selection of the man to represent them was the object of the special meeting held yesterday by the society heads.

Browning is a member of the Class of 1925, president of the Mechanical Engineering Society, and vice president of the Technology Christian Association in addition to his new position.

SECOND ALDRED TALK OF THIS YEAR FRIDAY

**S. P. Bush Will Speak On "The
Engineer In Industry"**

Seniors and graduates will hear Mr. S. P. Bush, President and General Manager of The Buckeye Steel Castings Company deliver the second Aldred lecture of this year in room 10-250 at 3 o'clock Friday afternoon.

Mr. Bush, who received his first 15 years of experience in industry while connected with various railroad companies, became associated with The Buckeye Steel Castings Company in 1901. Since that time he has risen from the position of general manager to president of the concern.

Present Views on Needs

The lecturer has chosen as his topic "The Engineer in Industry," and intends to present to the men his views on the present needs of industry. He will emphasize in particular the type of men needed, what the needs and responsibilities are, and how success may be achieved. As a member of a committee appointed by the National Industrial Conference Board to determine in what respects engineering schools can cooperate with industry in preparing men for future work, Mr. Bush has made a special study of the subject on which he will talk. However, his talk will contain little that is technical, and will be presented in an intimate manner.

TEST OF DYNAMOMETER INTERESTS STUDENTS

An attraction dynamometer, a device for measuring tension, being calibrated in the tension machine in the Testing Materials Laboratory attracted the attention of many of the undergraduates yesterday. The dynamometer is to be used at the Fore River Shipyards in the launching of a ship.

Lack of room for launching has made it necessary that some brake be applied to the craft in leaving the ways and the dynamometer will measure the weight which is necessary to act as a brake and control the launching.

THEODORE HOUGH FORMER INSTITUTE PROFESSOR DEAD

**University of Virginia Medical
School Dean At
Technology**

TAUGHT PHYSIOLOGY HERE

Professor Theodore Hough, Dean of the Medical School of the University of Virginia and former Professor of Physiology at Technology died suddenly at his home in Fredericksburg, Virginia, Sunday. The funeral services were held yesterday and Professor R. P. Bigelow represented the Institute at the services.

Professor Hough first came to Technology in September 1892 as an Instructor in Physiology, directly from Johns Hopkins University where he had received a doctor's degree that year. He had had some experience as an instructor, having taught a few months after graduating from Johns Hopkins and before returning for further study. He was soon promoted to a professorship and remained at the Institute until 1903 when he became head of the Department of Physiology at Simmons College.

Did Research Work

While at Technology Professor Hough did considerable research work. One of the courses he taught, the Physiology of Special Senses, is no longer given but was formerly given to students taking Course VIII. He also taught at the Boston Normal School of Gymnastics which is now the Physical Training Department of Wellesley College.

Professor Hough left Simmons in 1907 to go to the University of Virginia Medical School as Professor of Physiology. He soon became Dean of the school, a position he held until his death Sunday. Professor Bigelow, who represented Technology at the funeral services attended Johns Hopkins with Professor Hough and came to the Institute at the same time.

WILL GIVE FRESHMEN PSYCHOLOGICAL TEST

A psychological test will be given to the first year men on Friday at 4 o'clock. The examination is compulsory and takes precedence over all Institute engagements. These examinations have been given several times in the past and usually require about an hour's time.

Several colleges have made the psychological test part of their entrance requirements and other institutions have given them as experiments. At Dartmouth College, where the results have been made public it is shown that in most cases the results of the tests are confirmed by the student's subsequent scholastic records. The freshmen will be divided into three groups to take the examination, sections 2 to 9 taking it in room 5-330, 10 to 18 in room 10-250; all others in room 10-275.

A.I.E.E. SPEAKER TO DESCRIBE NEW PLANT

**Engineer Will Tell of Boston
Edison Power Station**

At the December meeting of the M. I. T. Branch of the American Institute of Electrical Engineers to be held in room 5-330 tomorrow evening at 8 o'clock, Mr. W. H. Ford of Stone and Webster will be the speaker. His subject will be "The Weymouth Station," being a description of the new high pressure central being built by Stone and Webster for the Boston Edison Company.

This plant is attracting much attention among engineers because of its new features. It is introducing a new type of steam equipment which operates at a pressure of 1200 pounds, a pressure considerably above that in common use today. The new installation is of considerable size, and is to use a new system of sectionalized switching.

Stone and Webster are also presenting a film entitled "Power" which depicts the history of power development for the last 150 years.

Those responsible for the program state that the material presented will be of such a nature that it will be interesting to men of the other professional societies as well as the Electricals. Those interested are invited to attend this meeting.

Coat Missing After Frosh Chem Lecture

Another instance of sneak thievery has been reported at the Institute, at a freshman lecture in this instance. Yesterday morning a man attending two consecutive lectures in room 10-250 left his coat, cap and scarf on a vacant chair according to the usual custom. When he returned to get his property after hearing discourses on Physics and Chemistry he found only the cap.

It is possible that someone took the articles by mistake but according to the owner, this is very unlikely as the garments were not mixed with others. If the coat is returned to the office of the superintendent of buildings and power no questions will be asked.

FACULTY UNDECIDED ON TWO TERM PLAN

**Question May Come Up at Meeting
on December 10—No
Special Meeting**

At last a fairly definite announcement has been made concerning the Faculty plans about the two term system, Professor Merrill, secretary of the Faculty, declares, "There will be no special meeting of the Faculty called to consider the adoption of the two term system before the next regular meeting, on December 10. I cannot say whether a definite decision will be reached at that time."

The students have been asking each other what the delay means, and have expressed hope that the hesitation of the Faculty means that they have been moved by the strong student sentiment against the plan to give it up. Nothing definite can be learned at present concerning the probabilities of the change save that Faculty opinion in favor of the plan is not so strong as it was when the suggestion was first made.

Class Discussion

Many of the Faculty have been seeking to learn the opinion of the students on the matter, in order to clear up the situation definitely. In some classes discussions have been held with a view to explaining all doubtful points and presenting the question in such a manner that the best decision may be arrived at.

JUNIORS ARE SLOW IN GETTING NOMINATIONS

**Papers of Candidates for Prom
Committee Due Soon**

As yet not much interest seems to have been shown by the Juniors in nominating men for the five positions on the Junior Prom Committee which are to be filled by a class election next Wednesday. Although the nominations do not have to be turned in till Saturday at one o'clock, very few men have started circulating their nomination papers.

The papers must be made out in the following form: "We, the undersigned members of the Class of 1926, do hereby nominate..... for membership on the Prom Committee of our class," followed by the signatures of five sponsors, all of whom are officially members of the Class of 1926, and by the signature of the nominee himself. The nomination papers must be deposited in the locked box in the Information Office, Room 10-100, used for this purpose, between the hours of nine o'clock Friday and one Saturday.

HEALTH OF PRESIDENT CONTINUES TO IMPROVE

President S. W. Stratton is recovering rapidly and his condition is very satisfactory according to a telegram received from Washington yesterday. President Stratton is at the Garfield Hospital in that city recovering from an operation for gall stones which was performed last week. All reports received since the operation have indicated satisfactory progress of the case.

Dean H. P. Talbot '85 said yesterday that no date has been set for the president's return owing to the seriousness of the operation and the necessity of Dr. Stratton's taking time enough to recover fully. He said however that all the bulletins had been very encouraging.

ADVISORY COUNCIL MAKES AWARDS TO PARKINSON-BEMIS

**Baseball Situation Is Discussed
—Matter Tabled Until
Next Meeting**

SIX cTc AWARDS MADE

At the third meeting of the Advisory Council on Athletics held last night at the Engineers' Club two straight "T" awards were approved by the Council; also the idea of having a George Swartz award as a recognition of good management to be made annually to the best manager received the hearty support of the Council. Certain minor changes were made in the constitution of the M. I. T. A. A. as revised by the officers of the A. A. The eligibility rule regarding men competing in teams that have received a degree was discussed by the Council, as they feel that such men should be barred from competition, as these men are regarded as graduate students. Next year there will be only one cross country team as the Council felt that a division into two separate teams did not prove as successful as it was hoped. Baseball was discussed at great length; but the matter is to rest for final decision until the next meeting of the Council.

F. W. Bemis '25 and R. W. Parkinson '25 were awarded a straight "T" by the Council. Bemis as Captain of the cross country for this year has performed well coming in first in both the Holy Cross and Princeton meets, and second in the Harvard meet in which the time between first and second places was only a fraction of a second. Parkinson was not recommended for a straight "T" by the Executive Committee but after discussion by the Council it was moved and passed that he be awarded the "T." Parkinson has a very consistent record and has performed faithfully on the track since his freshman year. He is essentially a hill and daler and not a level man, the probability is that he would have done much better if he had run with the hill team instead of the level this fall. Parkinson was the third man to score for Technology in the Holy Cross and Harvard meets, fourth in the Princeton meet, and second in the I. C. A. A. A. A. He placed 7, 8, 12, and 46 respectively in the meets.

Awards of cTc were made to the following men: W. F. Rooney '26, J. L. Ostborg '26, D. C. Hooper '26, M. W. Davidson '26, F. W. Preston '26, and H. B. Smith '26. A. B. Bassett '26, manager of cross country was awarded the cTc. In view of the fact that neither cross country team had accomplished what the Council hoped they would by the division into two separate teams, the practice will probably be discontinued in the future.

Under the present eligibility ruling men entering from other colleges that have received degrees, after fulfilling other requirements are allowed to represent the Institute in athletics. The Council did not think that this should be allowed to continue as they regarded it as unfair to the other students, and also as these men are to be considered as doing graduate work. Final action on the matter was tabled until the next meeting.

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ECONOMISTS TO VISIT FIRST NATIONAL BANK

tomorrow. The trip is highly recommended by the Faculty of Course XV. It is limited to Juniors taking E37 (Bank and Credit). Professor Dewey urges all those eligible to take advantage of this opportunity. The party is to be divided into two parties of ten each, both of which will be personally conducted by bank officials. Those taking the trip will meet at the bank, 47 Milk Street, at 3 o'clock.

Another trip is scheduled to be made to the Simplex Wire and Cable Company next Thursday at 3:15 o'clock. Only 30 men will be permitted to take this trip.

CALENDAR

Thursday, December 4
4:00—Lecture on "Spectrochemistry Basis," room 4-231.
8:00—A.I.E.E. Meeting, room 5-330.
11:00—Biology Lecture, room 10-411.
Friday, December 5
3:00—Aldred Lecture, room 10-250.
8:15—Music Clubs' Fall Concert, main hall, Walker.
Saturday, December 6
12:00—Biology Lecture, room 10-411.

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Official News
Organ of the
Undergraduates
of Technology

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PILLAGING THE DORMS

TOO much cannot be said in deploring the repeated stealing in the dormitories. If an editorial a day would keep the thieves away, then such a repetition would be an exceedingly valuable contribution to the dormitory community.

But verbosity and publicity is not sufficient. Some action, some concerted effort needs to be taken to discover or discourage the thieving thugs that ply their trade so successfully. The condition is chaotic, security of property is nil, and general confidence among the students is no longer possible.

It is evident that the robberies are from the outside, but nevertheless their very occurrence creates a suspicion and regrettable feeling that someone within might be involved. Of all groups and classes of people, a collection of students should be the most thoroughly dependable and contained of confidence among each other. To preserve this spirit of confidence it is absolutely essential that such occurrences as these thefts be eliminated or at least made extremely rare.

Should the thug be some one connected with the Institute what a doubly despicable, drivelling, skunky individual he must be. A parasite sucking his sustenance from fellow-students, he must surely be a hair-brained, unscrupulous devil.

The men in the dormitories should bring the matter to a head and do something to make these halls a decent and safe place to live in. Set a trap, get a detective, or adopt any procedure necessary to spell the doom of thievery. Here is a chance for some real service.

These same remarks are applicable to the person who stole an overcoat at a freshman chemistry lecture yesterday. It is difficult to understand the conception behind such deeds.

If they who steal are kleptomaniacs, they certainly have no place at Technology; if they are wilful, downright thieves, they have no place in society at all. It is sincerely hoped that these perverted individuals can be removed from the Institute.

Now that the exam schedule is out, everybody will begin trying to get his exams relocated so that he can catch the Knickerbocker instead of the Merchants Limited.

ACTION, MEN, ACTION!

"THERE are not enough men out for swimming." That is getting to be a familiar saying around the Institute. Simply substitute the name of almost any sport, and you have the conditions now existing, clearly, briefly, and concisely stated. Not so long ago, it was Crew. Not enough Seniors out to fill up a shell until just a few days before the race with the Juniors. Fine spirit! Now it is swimming. This time the Seniors lead. They have three men out to represent their class! Bravo! The Interclass Swimming meet comes off in a little over a week. There are to be dashes, relays, diving contests and all the rest of it. How are the events to be pulled off with things as they now are? Is one man to swim the distance twice in the relay? Who is going to take care of the back stroke, the breast stroke, and everything else?

Must we once more laboriously go over the old arguments to convince men that it is worth while to go out for athletics? Do we need to explain again that there are two main objects in intramural contests, first to develop the individual man, and secondly to find material for Varsity teams? Don't you know that here at Technology we strive after a "strong mind in a strong body" and that the only way to get this well developed body is to participate in sports?

Come, come, men! You know all about it by this time. You know the advantages of leading "the strenuous existence" urged by Theodore Roosevelt. Try leading this life for even a short while and you will surprise yourself! Don't talk about it. Do it! We want more action and fewer useless words.

Spirit at the Massachusetts Institute of Technology is a hollow mockery. If you want to start a fight with the average student, just tell him that. Likewise, if you want an example of spirit, just try to find it! The man who is loudest in his condemnation of any one who asserts that his College is lacking in spirit has probably never gone out for anything in his whole career at school. There again we have all talk. Let's have a bit of action just for the sake of variety.

Back your class—help your own physical condition—help the Institute! Don't be a slacker—prove that we are wrong in denying the existence of real spirit here at the Institute!



It is rumored that the Institute Corporation is in league with the Amalgamated and Honorable Order of Bootblacks. The cinder campus has helped this ancient organization of Greeks more than any other single cause attributable to man. Our old friend, Jupe Pluvius, of course, is responsible for more ruined shines than by actual statistics would be needed to stretch from the moon to building 10. The cinders, however, have cost the Lounger and his friends many shekels.

The Lounger regrets exceedingly that Technology students, if they must be dishonest, insist upon being pikers at the game. Far be it from the meek and honest Lounger to advocate stealing, but if a man is going to do it at all, why not make it worth while. When one remembers the little episode at Harvard last year in which a man, posing as a prince or something, ran up accounts mounting into the thousands of dollars and then skipped, one can feel but little sympathy for the man who stoops to the stealing of a few coats and suits. The Lounger has a certain amount of respect for any man who can get away with a big job, but for the man who steals typewriters from activity offices, coats from lecture rooms, and clothes from the Dormitories, there are mingled feelings of contempt and sympathy.

Prominent member of the faculty in favor of the three term system Prof. Hudson claims that the present system is a life-saver in the electrical labs. He states that if the two term system were to be adopted, men would forget what they had learned about series motors, and allow them to run at no load with disastrous results. A series motor at no load will theoretically attain an infinite speed. Actually, the centrifugal force makes the machine fly to pieces laying down a barrage of commutator segments and bits of armature all over the surrounding landscape. Therefore the two terms would endanger the lives of those in the EEE lab. Bravo Prof. Hudson, the champion of the students in their war for the retention of our existing conditions!

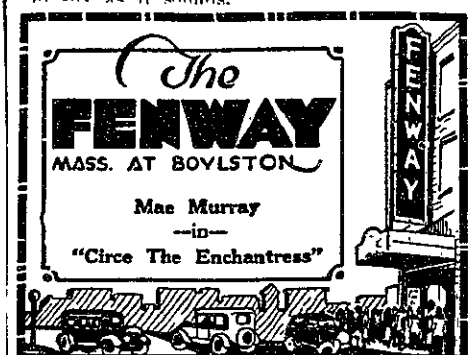
Political Economy lectures continue to provide amusement. In one of the Monday lectures, a collie dog dropped in, despite all efforts of the students to keep him out, lest he disturb the professor in the midst of his oration on "Credit." All the noble efforts to keep him out failed. The pup came in. He almost goosed the whole lecture. In the afternoon lecture, the Lounger was startled by loud cries from some one in the upper tier of seats. A man overcome by the soporific eloquence of Doc Dewey, had fallen asleep, had started talking in his sleep, and finally, in the throes of a nightmare, induced in all probability by a number four at Waltons, had yelled out loudly and lustily, frightening the co-eds and stopping the lecture temporarily.

Wonder of wonders! The Mil. Science department is getting efficient for the first time in its existence. The sergeant was stationed at the rear door of 5-330 during the GS98 class Monday to note the late comers. No longer can a man sneak in without being credited with an absence. Several men lost out Monday—the first time they had ever been late, and their attendance cards were refused by the hard hearted sergeant. Others have been coming late consistently and have handed in their cards with no questions asked. Unfair discrimination, the Lounger calls it

(Continued on Page 4)

Play Directory

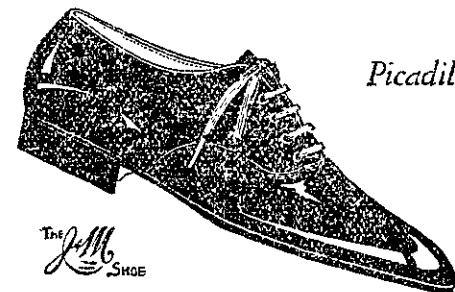
BOSTON OPERA HOUSE: Anna Pavlova. COLONIAL: "Stepping Stones." The kind of a musical comedy we like for a change. COPLEY: "The Romantic Age." Quixotic Romance portrayed. HOLLIS: "The Nervous Wreck." You'll be one, too, after you've seen it. PLYMOUTH: "The Potters." Makes you realize how funny your neighbors really are. ST. JAMES: "The Gold Diggers." Reviewed in this issue. SELWYN: "Quarantine." New comedy, with inimitable Helen Hayes. SHUBERT: "Artists and Models." Reviewed in this issue. TREMONT: "Top Hole." Golf musical comedy, with a real plot, lots of humor and unusually peppy dancing. WILBUR: "Moonlight." Musical comedy, as much as it sounds.



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METALLURGIST TALKS ON MANGANESE STEEL

J. H. Howe, metallurgical engineer of the Taylor-Wharton Iron and Steel Company, lectured on the History, Manufacture and Application of Manganese Steel in room 5-330 yesterday afternoon. The lecture was illustrated by lantern slides and moving picture films. Mr. Hall went to considerable depth in presenting the metallurgy of manganese steel, one of the important alloy steels used in engineering construction.

STRONG FOIL TEAM WILL STRENGTHEN FENCERS' CHANCES

Technology Must Defeat Either Harvard or Yale To Get Into I.F.A. Meet

Fencing has been progressing rapidly since practice was started the first of the term and the possibility of having an exceptionally strong foil team are unusually bright. The epee will be well taken care of by two veterans; while sabres have not been developed at all as they are an optional weapon in collegiate matches. The first and only competition to be held before Christmas will come off on the 12th of this month.

Under a new ruling of the Intercollegiate Fencing Association the Eastern colleges have been divided into four groups, with four colleges to each group. The object is to have the two colleges qualify a full foil team in each group to compete in the Intercollegiate matches which will be held in New York the first part of April. In the sabre and epee only one man per college per group is eligible to qualify. Technology is in the New England group with Harvard and Yale to compete against, and so to send a team to the Intercollegiate it is necessary to defeat either Harvard or Yale.

Have Strong Foil Men

With such veterans as Seabury, Walker, and Hawthorne back the prospects of developing a strong foil team are exceptionally good; however, Davier, Caponi, and Moston are giving them a racing fight for the honors. The probability of Luis Ferre being declared eligible adds to the fencers' hopes of a strong team, as he is virtually a foilsmen but can handle any other weapon when emergency calls. Seabury's hard and consistent practice has not been in vain for he has developed into a clever fencer with an unusually tricky defence. Epees are being well taken care of by Blake and Cole, two veterans from previous years. Cole has been in the game a long time and is thus able to lend a bit of personal experience to the new comers that otherwise would take them a long time to gain.

Sabres, however, have not been developed to any great extent as a good foil foundation is the first requisite of a good fencer; and also because the sabre is classed as an optional weapon in college fencing circles.

On December 12 the first competition of the year will be held to decide who will remain foilsmen and who will be transferred to the other weapons. This will be the only competition before Christmas, two others are to follow soon after the opening of the second term. The schedule opens with a meet with Norwich on February 3 which is soon followed by meets with Bowdon Navy, Columbia, Syracuse, Hamilton, Harvard and Yale; and dual meets will be concluded by the Intercollegiate at New York early in April.

Boxing Manager Announces Meets For Ineligibles

Those Ineligible to Represent Technology Will Have Separate Meets

With the increased interest in the boxing game here at the Institute a new situation has arisen which the management is attempting to solve. There are a large number of men on the squad who are ineligible to represent Technology this year, but nevertheless make a valuable addition to the squad. Although these ineligible attend practice just as consistently as those who are eligible, will not be able to participate in the Intercollegiate matches which have been arranged for the regular boxing team. Manager Brookes '26 says that if there are enough ineligible report for this sport, the management will arrange several matches for them. These matches would not take place until the second term as this is when the regular schedule starts. Coach Rawson desires that in view of these proposed matches all ineligible who are interested in the manly art report for regular practice.

Interest in boxing has taken a decided jump this year and everything points to a successful year. Manager Brookes has arranged the following schedule:

February 7—Army at West Point.
February 14—McGill at Montreal.
February 21—Colgate at Cambridge.
February 28—Syracuse at Syracuse.
Several matches are pending, which include New Hampshire State and Yale, while the frosh match with the Yale freshmen is still hanging in the balance. The last practice for this term comes December 11, and the first one next term will be held on January 6.

WRESTLERS TO CLASH IN PRELIMINARY BOUTS

Coach Cy Burns has announced that there will be preliminary meets for both the Varsity and freshmen on Wednesday, December 3. The frosh will hold their practice encounter at 4 P. M. while the Varsity meet at 5. Although there is a lot of competition on both of the teams in the middleweight classes, there is a decided lack of candidates for the unlimited class and the 175 pounders. Since Tryon has decided to quit the unlimited class there has been no one out for that division on either team. The frosh have not a man out for the 175 lb. class, so as a result there is an excellent opportunity for some aspiring freshman to make the frosh team in that division.

Wrestling spirit has been going at top speed ever since school opened and with the material available the Institute should have a team of the first order. The meets start the first of next term and there are several trips included on the schedule.

Air Currents to Drive Ocean Vessels of Future if German Invention Proves Successful

Anton Flettner, a German scientist, has startled the scientific world with an invention that he claims will revolutionize navigation. He proposes to drive ships by catching air currents in large funnels and using them to propel the ship by means of rotary turbines, the exact nature of which has not as yet been disclosed. He has built for experimental purposes a 600 ton model which is claimed to have been operated successfully in the North Sea without other motive power than the ocean breezes. There were no sails or engines other than the "rotors" which received their power through tall funnels some sixty feet high. According to the inventor, the theory is not very different from that employed by a pitcher in curving a baseball. He will give no more definite information.

Scientists, though interested, are skeptical as to the practicability of this unusual ship. Though they admit that the model may have been successful, they are wary as to the possibilities of extended use on commercial boats. Navigation experts question the feasibility of a ship with towering funnels in tropical waters where hurricanes are met with frequently. One of Germany's foremost naval architects has advanced another objection. He states that when the ship is tacking into the wind, the contrivance may work, but that in running before the wind, all pulling power of the "rotor" action will be lost, and the ship will be propelled only by the force of the wind acting upon the funnels as sails.

It is reported that the Hamburg-American Line has ordered several 10,000 ton ships, driven by this wind driven type of "rotor," to be used on the Hamburg-East India route. If a 600 ton model requires sixty foot funnels, it seems un-

likely that a 10,000 ton ship will be serviceable. American shipping men are frankly doubtful—even amused at the idea.

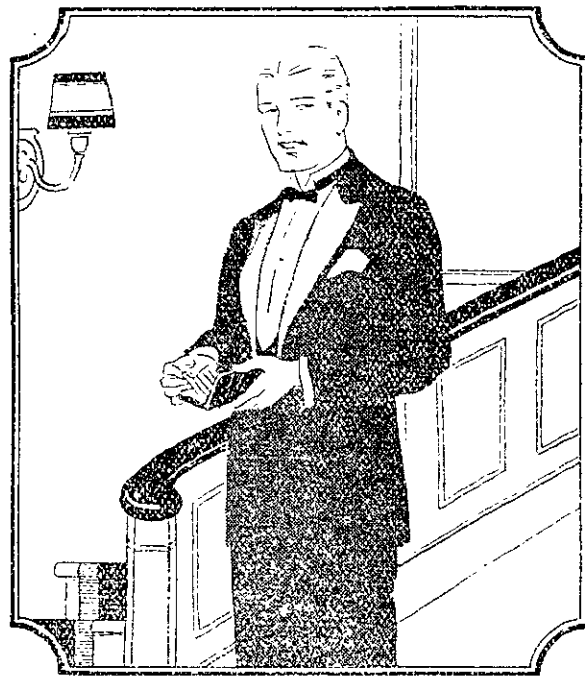
Flettner has recently converted an old sailing vessel into a wind propelled "rotor ship." He has mounted large hollow sheet steel masts on the "Buchau," 2000 tons, and has given it severe tests through which it has emerged successful. This ex-three masted schooner, rigged with two enormous masts looking like elongated boilers presents a unique appearance. The wind, however, was apparently drawn down through these masts with sufficient force to drive the rotors and so turn the propellers, as the "Buchau" has travelled all over the North Sea under her own power.

The inventor, with the characteristic optimism of his kind, declares that in this new idea is to be found a panacea for all the world's ills. He claims that in time he will be able to apply this principle to the automobile, the train, the dirigibles, and even the heavier-than-air flying machine. This will enormously decrease the amount of fuel of all sorts consumed in transportation, thus preserving the rapidly diminishing supplies of coal, wood, and oil. In short, when this mode of propulsion is universally adopted, Flettner claims that the wind will entirely supplant the other kinds of energy now used for power and that transportation will undergo a revolution more far reaching in extent than can now be imagined.

The nature of the secret is guarded closely, though it is understood to utilize a principle discovered by Magnus, a German scientist who made important discoveries in the realms of thermodynamics and diathermacy.

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American Chorus Girl

THE GOLD DIGGERS

"THE GOLD DIGGERS" PROVES CLEVER FARCE

"The Gold Diggers" at the St. James, though it may have already been seen by many of us, impresses one as rather sprightly and clever in places. Those interested in the methods of extracting the monetary medium will be impressed with the seeming ease and painlessness with which the operation is performed. The opening scene gives us an insight into the atmosphere surrounding the life of, and affecting the actions and thoughts of the modern chorus girl. Olive Blakeney as Mabel Munroe is a typical representative of this class of stage folk. Her spontaneous wit smooths over the rough spots and ably supports Elsie Hitz who plays the leading part of Jerry Lamar. Miss Hitz is the outstanding member of the cast. Her dramatic ability is quite marked and the action progresses more pleasingly when she is on the stage. Without her, the play would suffer tremendously.

Men Are Goats

Since the play is dominated by the strategy of the fairer sex, the men are the goats, in more ways than one. Even so, the male parts could and should be given more prominence.

The plot hinges upon the consent or refusal of a rich uncle to sanction the marriage of his nephew to a chorus girl. At the outset, the uncle, prejudiced against chorus girls as a whole, refuses on general principles, and threatens to disinherit the chap if he goes through with it. Jerry steps in to champion her friend, who seems to be a really likeable little thing after all. If you can't guess how it all turns out, you can find out by going to the St. James any night this week. Moral: Don't let them get you started spending your money, as they certainly are gold dig-

ADVISORY COUNCIL HOLDS LAST MEETING OF YEAR

(Continued from Page 1)

Many that attended the meeting were there primarily to discuss varsity baseball. Bill Robinson had everything smoothly worked out and was ably supported by Luke Bannon and Jack Cannon. The Council thoroughly understands the situation, and all of them have had considerable experience with baseball teams. Their objections were, in general, to cost, eligibility, schedule, and a suitable place to play. The question is of such importance and is so complicated that the Council did not take any action but tabled it for the next meeting.

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NEW YORK BOSTON CHICAGO

"ARTISTS AND MODELS" GREATLY CHANGED

A much deleted "Artists and Models" is now in its second and last week at the Shubert. With the removal of two scenes bodily, the travesty on "Rain," and "Memorial Day," the show which is left us by the censors is little different from the usual "gorgeous" type of American revue.

Both the acts removed were humorous, with the result that much of the fun of the original show is lacking, though it is in some measure made up for by the efforts of the debonair Charles Irwin. One scene called "If Ford Were President" is very funny, and is full of clever illusions to Ford and his friends.

Of course there is the usual lavish use of exotic scenery and beautiful costumes, but many of the scenes lack originality, as, for instance, the magazine scene (which was clever), the Japanese scene, and the "things that never happen" scene. Then there is the inevitable parade of ye olden costumes, though it is somewhat relieved by the clever device of having the models introduced by the conversation of a pair of cast off wax figures. A scene consisting of a variety of porcelain statues tableaux, depicting love scenes from recent musical comedies, is well staged, and gave opportunity for singing many hits from other shows.

An Oriental dancer, Miss Azeada

Charkouie, is remarkably good, and decidedly versatile. Miss Veronica, a toe dancer, accomplishes some most unusual and difficult steps. The dancing by the rest is good, but not extraordinarily so. The music is catchy and well played, but is frequently lacking in originality.

A playlet "The Critic," written by James Montgomery Flagg, is a decidedly overdrawn slam at critics in general, and is much too long for its idea. One feels thankful when it is over. Very funny is a scene depicting the interior of a Montmartre Cafe, the "Cave of Innocence," wherein two comedians, Lester Dorr and Jack Pearl, do their stuff, to the great amusement of the audience.

All in all "Artists and Models" isn't what it used to be, but it is still a good show, though with the emphasis now pretty much on the "good." C. R.

OUTING CLUB SMOKER TO BE HELD TOMORROW

The annual smoker of the Outing Club will be held tomorrow night at eight o'clock in north hall, Walker. There will be pictures at the smoker. The purpose of this convale is to find out how many members of the club are going to take the annual Winter trip because if more than 25 members signify their intention of taking the trip the club will hire a special car otherwise the members will have to be separated throughout the train.

Notices and Announcements

OFFICIAL

5941 RECENT DEVELOPMENTS IN SCIENCE

The eighth meeting will be held tomorrow at 4 P. M. in room 10-250. Professor S. C. Prescott, Head of the Department of Biology and Public Health, will talk on Recent Applications of Bacteria in Tanning.

BIOLOGY LECTURES

Mr. W. Lyman Underwood, Special Lecturer in the Department of Biology and Public Health, will give a series of lectures on the life and habits of animals, birds, fish and plants. The lectures will be given in room 10-411 tomorrow from 11-1; Saturday, December 6, from 12-1. The lectures will be illustrated by hand colored slides which Mr. Underwood has prepared. All interested are cordially invited to attend.

COURSE V SENIORS

Any Course V students expecting to complete requirements for B. S. degree by end of first term please consult F. G. Keyes in room 4-173.

FIRST YEAR STUDENTS

All first year students are required to be present at a psychological examination to be given at four o'clock on Friday, December 5, 1924. The examination will take about an hour. Candidates are to report as follows:

Sections 2-9 inclusive—Room 5-330. Sections 10-18 inclusive—Room 10-250. Sections 19, 20 IV Opt. 1, and all others—Room 10-275.

Attendance at this examination takes precedence over all other Institute engagements.

H. P. Talbot,
Dean.

MILITARY SCIENCE

All Juniors must sign pay-roll before Dec. 10. Call at room 3-310.

UNDERGRADUATE

M. I. T. A. A.

Sophomores wanted for Publicity Dept. Report at A. A. office any day this week.

COMBINED MUSICAL CLUBS

Freshman candidates for the business department of the Musical Clubs may interview Messrs. Walker, Hatley, or Garen any day at 5, in the office, 310 Walker.

FRESHMAN RIFLE TEAM

Report for practice hereafter on Mondays and Thursdays, 2:15-5:30. Range open Wednesdays, attendance optional. See bulletin board in range for new schedule of firing, to be effective Monday, Nov. 24.

VARSITY RIFLE TEAM

Practice days have been changed from Monday to Tuesday. Friday's practice will be held as usual. Candidates report either day between 2 and 5:30 o'clock.

MINING SOCIETY

There will be a meeting of the Mining Society in the west lounge of Walker Memorial tonight at 7:30. W. R. Wade, Boston Consulting Engineer, will speak on "Problems of Zinc Mining."

HOCKEY

Hockey game between M. I. T. vs. B. U. at Boston Arena, Friday, Dec. 5, 8:15.

THE TECH PICTURE

Pictures of THE TECH staff and candidates will be taken in room 3-410 at 1 o'clock Thursday afternoon. It is important that all be present promptly.

S. A. E.

Those who desire to join the Society of Automotive Engineers may get application papers signed up in the offices of Prof. Warner (5-229) and Prof. Fales, Mr. Chayne (1-131). For information see Yoshio Ogawa '25.

JOINT MENORAH MEETING

Assistant District Attorney George Alpert will address the members of the M. I. T. and Radcliffe Menorah Societies at their first joint meeting in north hall tonight at 7:30. An opportunity will be given for students to join the Society tonight. Refreshments and entertainment.

FRESHMEN OFFICERS

A meeting of the freshmen class officers will be held in room 2-319 at 5 today.

FALL CONCERT

Tickets may be procured from all the management at \$3.00 per couple. Public sale in main lobby from Dec. 1 to Dec. 5 from 12 to 2.

JUNIOR PROM NOMINATIONS

All nominations for members of the Junior Prom committee must be turned in at the Information Office by December 5. Signatures of five sponsors and that of nominee are required.

FINANCE COMMITTEE

Will the Treasurers of all undergraduate activities please send their names addresses and activities to room 303 Walker.

RIFLE TEAM

Candidates for the varsity rifle team are requested to report at the range Monday between 3 and 5 in the afternoon, or on Friday between 2 and 5.

WRESTLING COMPETITION

Wrestling managerial competition is open to all freshmen. Apply to A. A. office after 5 o'clock.

SOPHOMORE-FRESHMAN FOOTBALL

Turn in football equipment at locker 402, Track house, Wednesday or Thursday between 4 and 5.

TECH SHOW

Candidates for cast and chorus will meet in north hall at 5:00 P. M. Wednesday, Dec. 3.

INTERCLASS SWIMMING

All entries for the Interclass Swimming Meet on Dec. 11 must be in before Tuesday, Dec. 9 at 6 P. M. Contestants can sign up at the M. I. T. A. A. or at the Y. M. C. A. pool during swimming hours.

MILITARY SCIENCE

Call at room 1-050 for Advance Course uniforms.

CHIMNEY CORNER AND BLUE TRIANGLE DANCES

Tickets for admission to each of these dances may be procured at the T. C. A. Office. The Chimney Corner Dance is 40 cents and is on Friday night; The Blue Triangle Dance is 35 cents and is on Saturday night.

A. I. E. E.

H. W. Ford of Stone and Webster will speak on "The Weymouth Station" and a movie, "Power," will be shown next Thursday at 8 in room 5-330. All interested are invited.

INSTITUTE COMMITTEE

There will be a meeting of the Institute Committee in north hall, Walker Memorial, on Thursday, December 4 at 5 P. M.

THE LOUNGER

(Continued from Page 2)

We admit that GS98 furnishes us with a certain amount of amusement, but we wish men would draw the line somewhere. They should do their cross word puzzles elsewhere. The Lounger was shocked to see a prominent journalist of the 'Stute busily engaged in working out cross word puzzles when he might have been learning all about the more exciting campaigns of the Civil War. Horrors! What are we coming too?

FALL CONCERT BIG AFFAIR FRIDAY NIGHT

(Continued from Page 1)

reducing the stag line and with the sale of tickets so far under way will doubtless have an opportunity to observe results. The dance will be held after the concert as previously announced from 10 until 2 o'clock.

The concert of the clubs at the Edison Club in Roxbury was held Monday evening instead of next Monday as announced. Edison Club Hall was packed for the performance. The program went off on schedule and was followed by a dance for which the dance orchestra played. A baritone solo by F. A. Thas '28, was a new feature of the concert program and proved popular.

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